MCU Cassette Latch Upgrade

Document number: 512-00232A

Product	FCO priority
Magnus VLF with Multi-Cassette Unit (MCU)	ASAP

Machines affected Version A MCU carts

Background

On version A MCU carts, a safety hazard exists in that there is no mechanism preventing the cassettes from being lifted off the cart.

Solution

Install the upgrade kit according to ECO CA05970. This kit has a left hand side and a right hand side—both sides must be installed.

Parts required

Part Number	Part Name	Quantity
512-00232A	Upgrade kit	1

Tools required

- Hex keys
- Hack saw
- Metal file
- Strong side cutters
- Loctite® 242

Procedure

1. Open the MCU cart without any cassettes on the cart.
2. Remove the cassette roller, bolt, and spacers from both sides of the cart.

Note: Any parts that drop into the cart frame are difficult to retrieve. To prevent the spacers from dropping into the cart frame, place a hex key through them when pulling out the bolt.

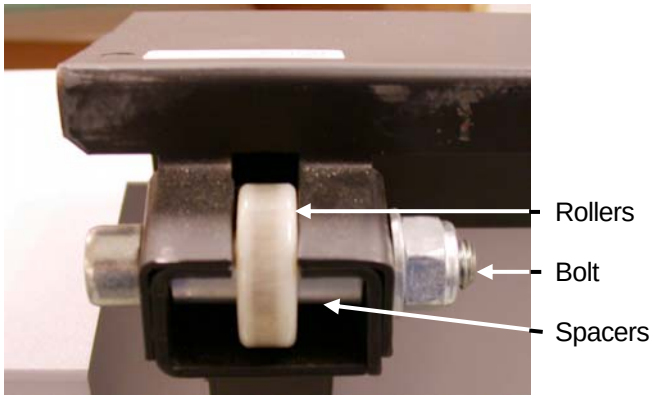


Figure 1: Removing the cassette rollers

The following procedures are performed on the left side of the MCU cart looking from the front of the MCU—on the right if you are standing inside the cart looking back at the cart frame.

3. Install the latch mechanism at the point circled below.

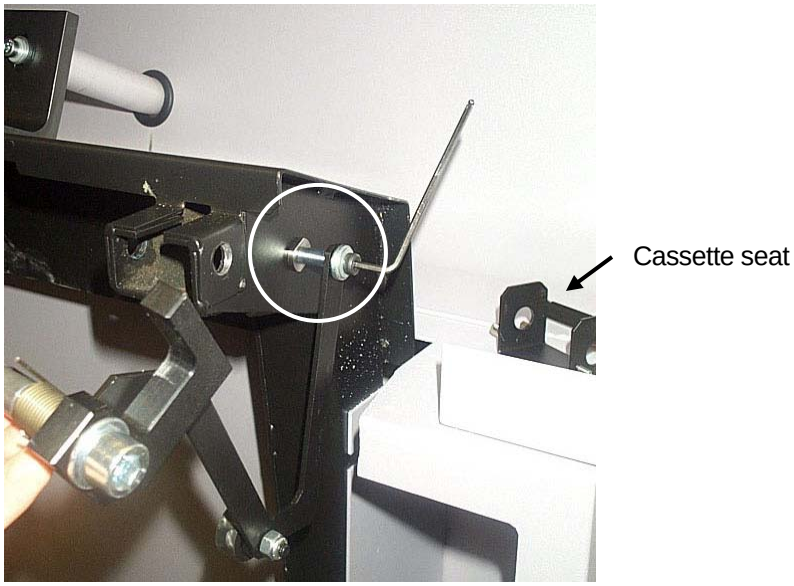


Figure 2: Installing the latch mechanism

4. Place the cassette seat as shown in Figure 3.
5. Remove the buttite spacers and M12 nut from the pre-assembled mechanism kit and insert them using a hex key to hold them in place.

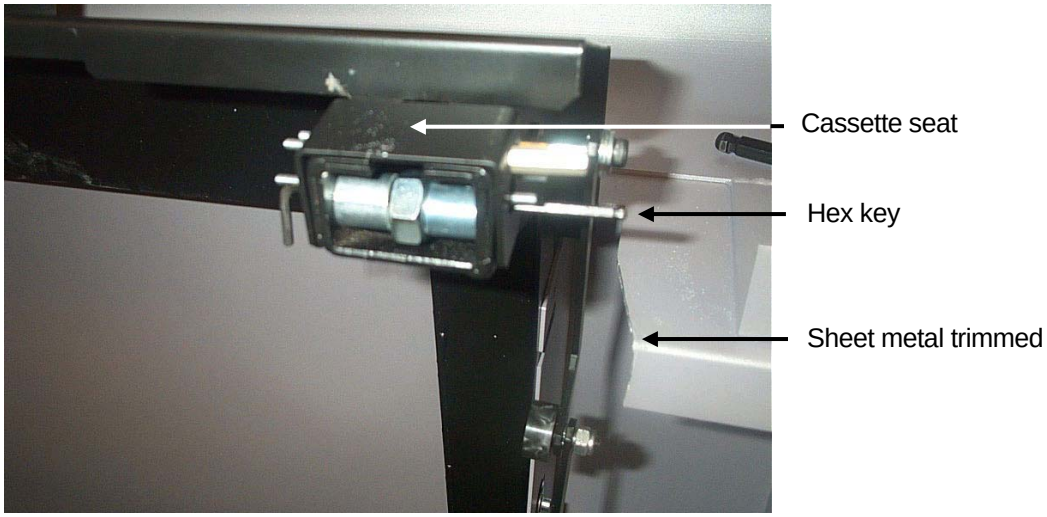


Figure 3: Installing the cassette seat and spacers

6. Apply Loctite 242 to the threaded portion of the M12 bolt.

7. To install the remainder of the latch mechanism, insert the M12 bolt through the spacers and nut while removing the hex key. The bolt also secures the cassette seat. Do not over-tighten the M12 screw—the latch mechanism should snap up easily.

Note. Be very careful not to drop the spacers or nut into the MCU frame.

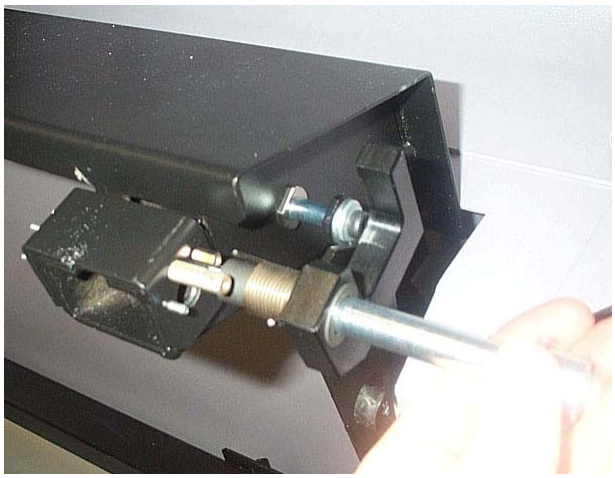


Figure 4: Installing the M12 bolt

8. Use the short hex spacer on the cassette seat and the shoulder bolt on the mechanism to hook the spring legs.

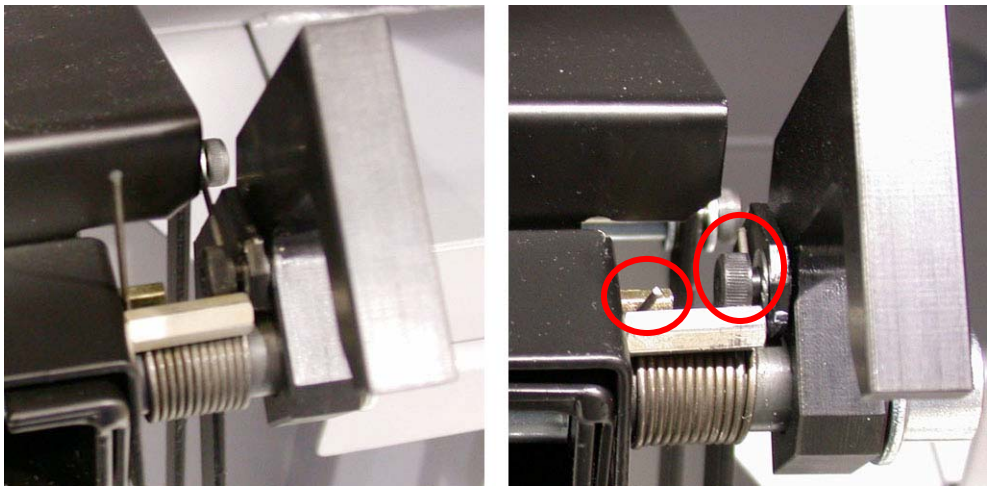


Figure 5: Installing the spring legs

9. Using a strong pair of side cutters, trim the spring legs as shown in Figure 5.

Note: Do not trim the spring legs too short. Leave enough length so that they cannot become unhooked.

10. Trim the sheet metal on the MCU cart to provide enough clearance for the new latch mechanism to operate without interference. See Figure 3.
11. Install the latch mechanism on the right side of the MCU cart following the same procedure as for the left side.

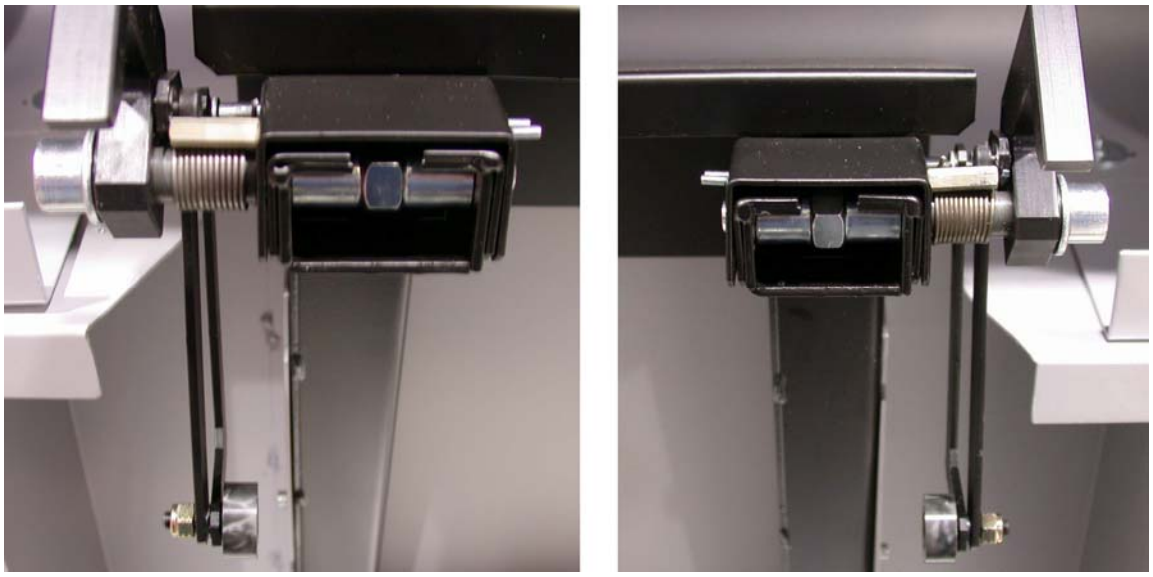


Figure 6: Left and right latch mechanisms installed

12. Install the latch actuator pad on both sides of the MCU.

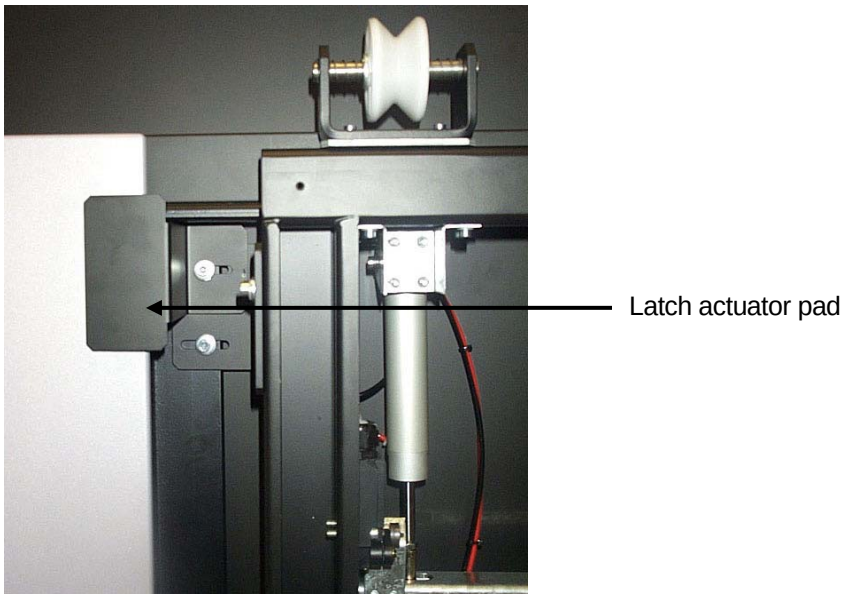


Figure 7: Installing the latch actuator pad

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